

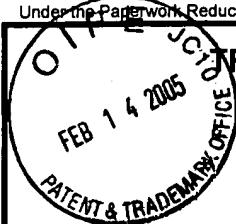
02-15-05

2634  
PTO/SB/21 (09-04)

Approved for use through 7/31/2006

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission	19	Attorney Docket Number	13156US02
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**ENCLOSURES (check all that apply)**

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Return-Receipt Postcard <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Replacement Sheet of FIG. 9 of drawings (1 p.)
	Remarks	

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

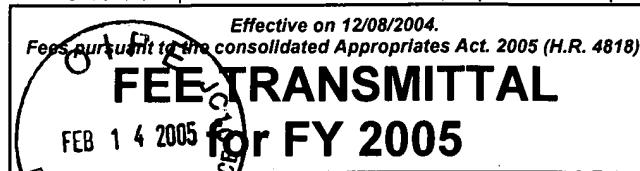
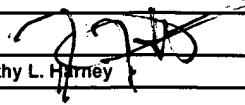
Firm or Individual Name	McAndrews Held & Malloy, Ltd.		
Name (Print/type)	Timothy L. Harney	Registration No. (Attorney/Agent)	38,174
Signature	Date: February 14, 2005		

**EXPRESS MAIL DEPOSIT**

"Express Mail" mailing label number : EV 435257881 US

Date of Deposit February 14, 2005.

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 <p>Effective on 12/08/2004. Fees pursuant to the consolidated Appropriates Act. 2005 (H.R. 4818).</p> <p>Applicant claims small entity status. See 37 CFR 1.27</p>		Complete If Known													
		Application Number	09/915,472												
		Filing Date	July 26, 2001												
		First Named Inventor	John Bodenschatz												
		Examiner Name	Cicely Q. Ware												
		Art Unit	2634												
TOTAL AMOUNT OF PAYMENT	(\$)		900	Attorney Docket No.	13156US02										
METHOD OF PAYMENT (check all that apply)															
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> None <input type="checkbox"/> Other (please identify): _____															
<input checked="" type="checkbox"/> Deposit Account Deposit Account Number: <u>13-0017</u> Deposit Account Name: <u>McAndrews Held &amp; Malloy</u>															
For the above-identified deposit account, the Director is hereby authorized to (check all that apply)															
<input type="checkbox"/> Charge Fee(s) indicated below			<input type="checkbox"/> Charge Fee(s) indicated below, except for the filing fee												
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fees(s)			<input checked="" type="checkbox"/> Credit any overpayments under 37 CFR 1.16 and 1.17												
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FEE CALCULATION															
1. BASIC FILING, SEARCH, AND EXAMINATION FEES															
<b>Application Type</b> Utility Design Plant Reissue Provisional	FILING FEES		SEARCH FEES		EXAMINATION FEES										
	Fee (\$)	Small Entity Fee(\$)	Fee(\$)	Small Entity Fee(\$)	Fee(\$)	Small Entity Fee(\$)									
	300	150	500	250	200	100									
	200	100	100	50	130	65									
	200	100	300	150	160	80									
	300	150	500	250	600	300									
200	100	0	0	0	0										
2. EXCESS CLAIM FEES															
<b>Fee Description</b> <table border="1"> <tr> <td>Total Claims</td> <td>Extra Claims</td> <td>Fee(\$)</td> <td>Fee Paid (\$)</td> <td>Multiple Dependent Claims</td> </tr> <tr> <td>42</td> <td>-24 HP</td> <td>18</td> <td>x 50</td> <td>= 900</td> </tr> </table>						Total Claims	Extra Claims	Fee(\$)	Fee Paid (\$)	Multiple Dependent Claims	42	-24 HP	18	x 50	= 900
Total Claims	Extra Claims	Fee(\$)	Fee Paid (\$)	Multiple Dependent Claims											
42	-24 HP	18	x 50	= 900											
HP = highest number of total claims paid for, if greater than 20															
<table border="1"> <tr> <td>Indep. Claims</td> <td>Extra Claims</td> <td>Fee(\$)</td> <td>Fee Paid (\$)</td> </tr> <tr> <td>8</td> <td>-8 HP</td> <td>0</td> <td>x 200</td> <td>= 0</td> </tr> </table>						Indep. Claims	Extra Claims	Fee(\$)	Fee Paid (\$)	8	-8 HP	0	x 200	= 0	
Indep. Claims	Extra Claims	Fee(\$)	Fee Paid (\$)												
8	-8 HP	0	x 200	= 0											
HP = highest number of independent claims paid for, if greater than 3															
3. APPLICATION SIZE FEE															
If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).															
<table border="1"> <tr> <td>Total Sheets</td> <td>Extra Sheets</td> <td>Number of each additional 50 or fraction thereof</td> <td>Fee(\$)</td> <td>Fee Paid (\$)</td> </tr> <tr> <td>-100</td> <td>/50</td> <td>(round up to a whole number)</td> <td>x</td> <td>=</td> </tr> </table>						Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee(\$)	Fee Paid (\$)	-100	/50	(round up to a whole number)	x	=
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee(\$)	Fee Paid (\$)											
-100	/50	(round up to a whole number)	x	=											
4. OTHER FEE(S)															
Non-English Specification, \$130 fee (no small entity discount)															
Other: _____															
SUBMITTED BY															
Signature			Registration No. (Attorney/Agent)	38,174	Telephone (312)775-8000										
Name (print/type)	Timothy L. Hanley		Date	February 14, 2005											



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Attorney Docket No. 13156US02)

In the Application of: )  
John Bodenschatz )  
Serial No.: 09/915,472 )  
Filed: July 26, 2001 )  
For: DIGITAL PHASE LOCKED LOOP )  
FOR REGENERATING THE )  
CLOCK OF AN EMBEDDED )  
SIGNAL )  
Examiner: Cicely Q. Ware )  
Group Art Unit: 2634 )  
Confirmation No.: 6327 )

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Label No. EV 435257881 US

Date of Deposit: February 14, 2005

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sirs:

This amendment is filed in response to the Office Action mailed November 26, 2004. Applicants note that in the Office Action the Examiner rejected claims 1-4, 8-14 and 17-24 and objected to claims 5-7, 15 and 16. By this amendment, claims 5 and 8-25 are cancelled, claims 1, 3 and 6 are amended and claims 25-60 are added. It is respectfully submitted that the pending claims define allowable subject matter.

02/17/2005 CNGUYEN 00000031 09915472

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**AMENDMENTS TO THE SPECIFICATION** begin on page 3 of this paper.

**AMENDMENTS TO THE CLAIMS** are reflected in the listing of claims which begins on page 5 of this paper.

**AMENDMENTS TO THE DRAWINGS** begin on page 13 of this paper and includes an attached replacement sheet.

The **REMARKS** begin on page 14 of this paper.

An **APPENDIX** including amended drawing figures is attached following page 17 of this paper.